



New Facilities Completed

Pictured here is the newly completed administration building for Pacific Smelting Co. of Torrance, producers of a wide variety of zinc products. The firm is in the midst of an expansion and moderni-

zation program which will result in the addition of several new buildings. The company was organized in the 1930s and is now the largest secondary zinc smelting firm in the world.

Zinc Smelting Firm World's Largest

Pacific Smelting Co., one of this city's pioneer firms and the world's largest secondary zinc smelting plant, is in the midst of a major expansion and renovation program at the company's offices.

A new administrative center has been completed at the firm's Western Avenue location. New drafting facilities, engineering and laboratory buildings, and other office facilities also were built.

Furnace buildings and other major parts of the plant currently are being renovated and expanded.

Founded in the early 1930s, Pacific Smelting Co. began as a back yard smelter located on a dead end street in the city. The firm has grown with the city to its present position as the largest secondary zinc smelter in the world.

Maurice D. Schwartz is president and chairman of the board and heads a man-

agement team which includes Allen Klatzker, executive vice president; John O. Schmidt, vice president-operations; Julian I. Schwartz, vice president-buying; William Johnson, plant superintendent; Waldemar P. Ruemmler, manager of engineering; and Hubert Fong, secretary of the corporation and office manager.

The firm produces Pasco zinc products, used in the steel industry, in the manufacture of tires and paints, and in a variety of products as corrosion preventatives. Pacific Smelting Co. also makes zinc anodes for the prevention of corrosion on ships and boats.

Products made in Torrance are shipped to many parts of the world—Africa, South America, Europe, Canada, and the South Pacific.

The firm also is a leader in the community. All employees are encouraged to participate fully in the life

of the community and the firm is represented in such diverse activities as the Torrance Area Chamber of Commerce, the Lions Club, Rotary Club, United Crusade, Red Cross, AID, and other organizations.

Each year, Pacific Smelting Co. awards a college scholarship to a deserving young man who is a graduate of one of the city's high schools. The scholarship program has been in effect for 12 years and the award this year will be the 13th the firm has given.

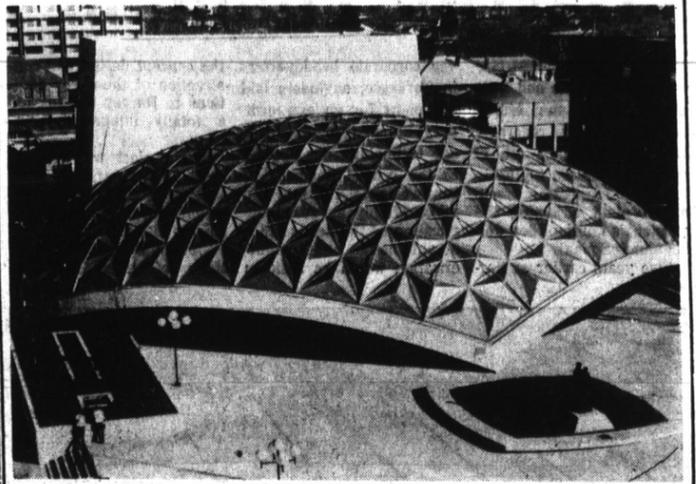
Pacific Smelting Co. also sponsors Little League teams and special activities at recreation centers.

A 16-year-old profit sharing plan is open to every employee of the company and a diversified insurance program also is available to all employees. Company picnics are held regularly, and a variety of other activities are

open to employees and their families. News of the Pacific Smelt-

ing Co. family is reported in the firm's own newspaper, The Zincer.

**The Pride of Reno, Nevada . . .
... CAME FROM TORRANCE!**



TEMCOR Geodesic Dome

The new \$2.5 million Pioneer Theater Auditorium and Convention Center in Reno, Nevada, approved by the voters and now completed, is topped with a glistening, gold-anodized, all-aluminum geodesic dome. With auditorium seating for 1,428 and convention/banquet facilities for 1,000 persons, the facility is heralded as "helping to build the image of Reno as a better place to visit and to live."

The all-aluminum domes, such as this, which have been erected throughout the hemisphere, are manufactured exclusively by TEMCOR of Torrance.

TEMCOR

2825 TOLEDO STREET, TORANCE, CALIFORNIA 90503 • TELEPHONE: 320-0554

Titanium Reduces Weight of Cars

For some time the Harvey Titanium Division of Harvey Aluminum has been working with Dan Gurney's All American Racers, Inc., of Santa Ana, on a new Formula 1 Grand Prix car. The basic objective of the research and development was to reduce weight without sacrificing strength and reliability.

The engineers at Harvey Aluminum introduced titanium to the Gurney racing group and taught them how to form, machine, fabricate, and weld titanium. The men

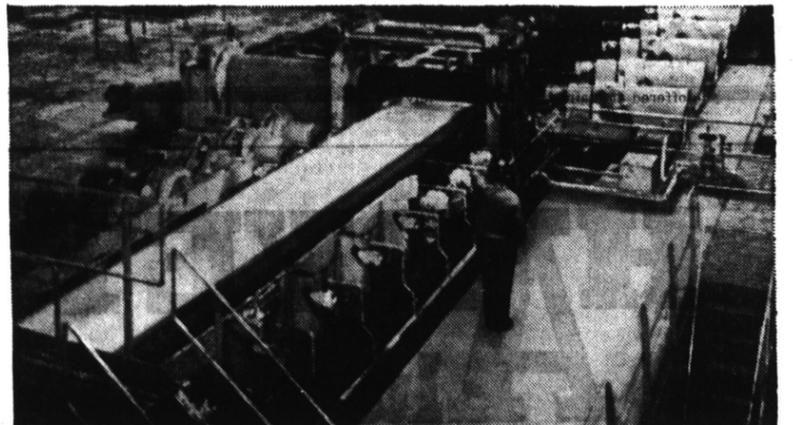
in the Harvey Special Metals Division report that Gurney builders have done a magnificent job with the titanium.

Under the direct supervision of Harvey engineers the car builders removed more than 100 pounds from the Formula 1 Grand Prix car by substituting or re-designing steel parts into titanium.

The enthusiastic Gurney crew then began to manufacture exhaust pipes, exhaust pipe brackets, top and bottom, upper and lower radius rods, front upper rocker

boxes—all out of titanium. Other uses of titanium evolved into top and bottom rear uprights, front antiroll bar, and front and rear lower wishbones. Both Harvey and All American Racers feel the past year's performance of titanium in European racing has established the metal as a commodity racing material.

Former racer, Richie Ginther, now assistant to Dan Gurney, exclaimed enthusiastically, "Titanium has also replaced all the chompo."



The first large-scale commercial continuous slab casting facility in the United States, at U. S. Steel's Gary Steel Works.

**A THOUSAND PROJECTS
ON THE FIRE...**

At United States Steel, there's something new and different—and exciting—stirring all the time. Right now, we have nearly a thousand modernization and improvement projects in various stages of design, construction or break-in operation.

After the expenditure of more than 1,000 man-years in laboratory, pilot plant and engineering studies, the first large-scale commercial continuous slab casting facility in the United States is now undergoing break-in operation at our Gary, Indiana Steel Works. This new unit transforms molten steel into high quality, 40-foot slabs in less than an hour. Conventional processing takes many hours, sometimes days.

The continuous casting process is a close companion of basic oxygen steel-making, and three basic oxygen furnaces have replaced 17 open hearth furnaces in the Gary mill. They feed the steel to the continuous casting unit, which provides slabs for a hot strip mill

that can produce hot-rolled sheets in coils as wide as 76 inches and weighing 75,000 pounds.

Near Houston, United States Steel's new Texas Works is taking shape for serving the vast and growing markets in the Southwest. The nation's most powerful electron microscope has been installed in the Pittsburgh area, and a new cold reduction mill and related facilities are also being constructed there. Two modern bar mills are going up in Ohio, and a continuous billet casting machine is scheduled for completion in Southern California in 1968. On stream is a new line for pre-painted steel sheets in Birmingham. In the Chicago-Gary area is a new mill for producing light, flexible steel foil, and a new six-stand cold reduction mill that can roll in an hour enough steel to make more than a million standard-size cans. A new basic oxygen process shop is under construction in South Chicago, where a giant blast furnace—as tall as a 20-story office

building—will also rise against the sky. Another project presently in construction stage in the Chicago-Gary area is a new high speed galvanizing line. Similar lines will soon be in operation on the East Coast and in Alabama.

Our new taconite plant in Minnesota can supply 4.5 million tons of pellets annually for use in the production of molten iron. A self-unloading ship—the largest and most modern vessel on the Great Lakes—is being built to transport these pellets to United States Steel plants in the Chicago-Gary area, and elsewhere, for blast furnace consumption.

It's worth noting, too, that we are continuing to equip every new steelmaking facility at United States Steel with the latest available anti-pollution devices for air and water. We aim to produce the world's best steels and products of steel. At the same time, we also want to keep the air and water clean for our neighbors and ourselves.

PASCO ZINC PRODUCTS

Manufactured By

PACIFIC SMELTING COMPANY

**WORLD'S LARGEST CONSUMER
SCRAP DIE CAST**

TORRANCE, CALIFORNIA
ZIP CODE 90510
SPRUCE 5-3421 — FAIRFAX 8-4811

USS United States Steel